

ABSTRACT

Fermentation of a microorganism is increased by including a cytokinin into the fermentation medium. Contemplated cytokinins may be synthetic cytokinins, cytokinins isolated from a natural source, or present in an extract that is specifically enriched for cytokinins. Especially contemplated microorganisms include yeast, and the fermentation in preferred aspects comprises catabolic conversion of a carbohydrate to ethanol and/or carbon dioxide.